

## ABSTRACT

## Data transmission method combating degradation of the quality of service

The present invention relates to a method of transmitting data on a physical resource using

- a layer (RRC) responsible for the management of the physical resource and the guarantee of the quality of service;

5       - a sub-layer (RLC) responsible for supplying a transmission support in accordance with the required quality of service;

- a sub-layer (MAC) responsible for access to the physical resource;

- a physical layer (PHY) responsible for the physical processing of the data;

10       access to the physical resource being divided into transmission time intervals (TTI);

the sub-layer (RLC) being able to segment the data into transmission units (RLC PDU);

the sub-layer (MAC) being able to transmit at least one transmission unit per transmission time interval;

15       characterised in that, in the event of degradation of the transmission conditions on the physical resource, the size of the transmission units is reduced.